

Notice of Allowability

Application No.

10/657,506

Examiner

Linh M. Nguyen

Applicant(s)

DE STASI, FRANK

Art Unit

2816

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's filing on 09/08/2003.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 09/08/04.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

Claims 1-20 are currently presented in the instant application according to the Applicant's filing on 09/08/2003.

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it must be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with the Applicant's representative, Mark Hennings on 09/08/2004.

The Examiner's Amendment includes:

CLAIMS:

Claim 1, line 7 (starting with "discharging"), insert --first-- in front of "synchronization";

Line 8, delete "the" in front of "first and second";

Line 12, (starting with "first"), change "a" to --the--.

Claim 4, line 1, change "driven" to --driving--.

Claim 5, line 10 (starting with "discharging"), insert --second-- in front of "synchronization";

Line 11, delete "the" in front of "second, third".

Claim 8, line 9 (starting with "means for discharging"), insert --first-- in front of "synchronization";

Line 10, delete "the" in front of "first and second";

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Line 14, (starting with "voltage"), change "a" to --the--.

Claim 11, line 1, change "driven" to --driving--.

Claim 12, line 11 (starting with "means for discharging"), insert --second-- in front of
"synchronization";

Line 12, delete "the" in front of "second, third";

Line 17, last line, change "a" to --the--.

Claim 15, line 9, insert --first-- in front of "synchronization";

Line 11, delete "the" in front of "first and second".

Claim 16, line 1, change "driven" to --driving--.

Claim 19, line 12 (starting with " a second switching"), insert --second-- in front of
"synchronization";

Line 13, delete "the" at end of line;

Line 18, last line, change "a" (in front of "fourth") to --the--.

Allowable Subject Matter

2. Claims 1-20 are allowed.

Reasons for Allowance

3. The following is an examiner's statement of reasons for allowance:

The closest prior art fails to disclose or fairly suggest:

A method for discharging the synchronization node for a period of time such that the voltage of a first synchronization node falls below first and second threshold voltages in response to a comparison wherein the voltage of the first synchronization node exceeds a first reference

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voltage; and driving circuitry of the first die in response to comparing a voltage of the first synchronization node with a second reference voltage, as called for in claim 1; or

A circuit for synchronizing circuitry using a single line including means for discharging a synchronization node for a period of time such that the voltage of the first synchronization node falls below first and second threshold voltages in response to a first reference voltage comparison means detecting when the voltage of the first synchronization node exceeds the first reference voltage; and means for driving circuitry of the first die in response to comparing a voltage of the first synchronization node with a second reference voltage, as called for in claims 8 and 15.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Remarks

4. Formal drawings must be submitted (*since only draft copy of the drawings was previously filed*).

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linh M. Nguyen whose telephone number is (571) 272-1749. The examiner can normally be reached on Alternate Fri, Monday - Thursday from 7:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy P. Callahan can be reached on (571) 272-1740. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LMN

**LINH MY NGUYEN
PRIMARY EXAMINER**

A handwritten signature in black ink, appearing to read 'Linh My Nguyen', with a long horizontal flourish extending to the right.